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FY 1976 KIQs IN THE S&T AREA, AS KEYED TO THE DCI's
SUBSTANTIVE OBJECTIVES

DCI SUBSTANTIVE INTELLIGENCE OBJECTIVES FOR THE
INTELLIGENCE COMMUNITY - FY 1976

Provide reliable and timely foreign intelligence reports, assessments, and estimates to the President and other elements of the US Government involved in policy formulation, international negotiations, and major operational decisions on the following priority topics:

OBJECTIVE NO. 1

Soviet policies, intentions, and capabilities for the execution of political, security and economic programs, with particular reference to:

- changes in Soviet leadership and the dynamics of and factors affecting Soviet decision making.*
- providing early warning of scientific and technical advances which could significantly affect the US national security or national welfare.*
- major developments in Soviet military RDT&E of weapon systems, deployment, and order of battle.*
- Soviet compliance with the Strategic Arms Limitation agreements, the Limited Test Ban Treaty, possible Mutual Balanced Force Reduction agreements, and the observance of cease-fire or peace treaty arrangements; Soviet perception of US and Allied negotiating positions and force capabilities with respect to these issues.*
- Soviet extension of political influence and military power outside of the USSR.*

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Key S&T Intelligence Questions

ASW Technologies

What are the important Soviet achievements in ASW technologies, particularly sensor technology, including acoustic, electromagnetic, trace-element mensuration, wake detection, and netting related to the use of various sensor types? What are the technologies and advanced techniques of detection, identification, localization, and tracking of submarines?

Command, Control and Communications

What are the advances in technology in such fields as automated data processing and telecommunications which are major determinants of the capabilities and limitations of Soviet command, control and communication systems and counter-measures to US and Allied C³ systems?

Energy Technology

What are the significant Soviet advances and R&D activities in such disciplines as: high energy lasers, particle beams, pulse power sources, energy generation, storage and conversion?

Guidance and Control

What are the important advanced technologies which the Soviets could employ or exploit in inertial systems, precision guided munitions technology, mid-course and terminal guidance, flexible targeting technology, vehicle control and maneuvering, and control theory?

Science and Technology Strategies and Policies

What are the Soviet national strategies and programs, both military and civil, for international scientific and technological cooperation, for absorbing transferred technology, and for indigenous technology development?

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OBJECTIVE NO. 5

Major foreign economic developments and trends relevant to US international policy decisions and negotiations, particularly those related to energy, raw materials and food resources, and to international trade and financial arrangements.

Key S&T Intelligence Questions

Energy Technology

What are the advances and R&D activities in the field of energy technology which may have major economic impact on the US? Document and evaluate progress in such areas as: power sources; energy generation, storage and conversion; and high energy lasers.

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Science and Technology Strategies and Policies

What are the national strategies and programs for native technology development, for international scientific and technological cooperation, and for absorbing transferred technology?

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